

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

<b>APPLICATION FOR PERMIT TO DRILL</b>		<b>1. WELL NAME and NUMBER</b> MCELMO CR C-15
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input type="radio"/> REENTER P&A WELL <input type="radio"/> DEEPEN WELL <input checked="" type="radio"/>		<b>3. FIELD OR WILDCAT</b> GREATER ANETH
<b>4. TYPE OF WELL</b> Oil Well      Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> MCELMO CREEK
<b>6. NAME OF OPERATOR</b> RESOLUTE NATURAL RESOURCES		<b>7. OPERATOR PHONE</b> 303 534-4600
<b>8. ADDRESS OF OPERATOR</b> 1675 Boradway Ste 1950, Denver, CO, 80202		<b>9. OPERATOR E-MAIL</b> pflynn@resoluteenergy.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 142006036508	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="radio"/> INDIAN <input checked="" type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>	
<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="radio"/> INDIAN <input checked="" type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Shiprock	<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="radio"/> (Submit Commingling Application) NO <input checked="" type="radio"/>	
<b>19. SLANT</b> VERTICAL <input checked="" type="radio"/> DIRECTIONAL <input type="radio"/> HORIZONTAL <input type="radio"/>		

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1765 FSL 2091 FWL	NESW	2	41.0 S	24.0 E	S
Top of Uppermost Producing Zone	1765 FSL 2091 FWL	NESW	2	41.0 S	24.0 E	S
At Total Depth	1765 FSL 2091 FWL	NESW	2	41.0 S	24.0 E	S

<b>21. COUNTY</b> SAN JUAN	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1765	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40
	<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1500	<b>26. PROPOSED DEPTH</b> MD: 5425 TVD: 5425
<b>27. ELEVATION - GROUND LEVEL</b> 4967	<b>28. BOND NUMBER</b> B001263	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> lease produced water


**Hole, Casing, and Cement Information**

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	17.5	13.375	0 - 115	48.0	H-40 ST&C	0.0	Class B	100	0.0	0.0
Surf	12.25	8.675	0 - 1324	24.0	K-55 Casing/Tubing	0.0	Class B	600	0.0	0.0
Prod	7.875	5.5	0 - 5390	14.0	K-55 ST&C	0.0	Class B	250	0.0	0.0

**ATTACHMENTS**

**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Sherry Glass	<b>TITLE</b> Sr Regulatory Technician	<b>PHONE</b> 303 573-4886
<b>SIGNATURE</b>	<b>DATE</b> 09/07/2012	<b>EMAIL</b> sglass@resoluteenergy.com
<b>API NUMBER ASSIGNED</b> 43037303840000	<b>APPROVAL</b>  Permit Manager	

McELMO CREEK  
UNIT C-15

UNGRADED ELEVATION:  
4458.8'

Basis of Elevation: GPS Observations -  
At set OPUS adjusted control point  
"7389-BASE". Located in the SW 1/4  
Section 21, T41S, R24E,  
Elevation: 4967

2

2091'

1765'

N 01°14'16" W 2641.98'

N 01°14'16" W 2642.24' (1321.12')

(1321.12')

(1319.66')

(1319.66')

S 88°37'34" W 2639.32'

S 88°37'47" W 2639.46'

N 88°38'32" E 2634.53'

N 88°38'06" E 2634.54'

S 01°20'35" E 5283.22'



SCALE: 1" = 1000'

**T. 41 S.**

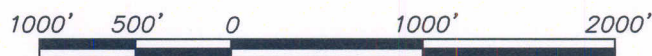
LATITUDE  
NORTH 37.248903 DEG.

LONGITUDE  
WEST 109.252228 DEG.

**NORTHING**  
219860.83

**EASTING**  
2654225.98



DATUM  
UTAH SP SOUTH (1927)



**SURVEYOR'S STATEMENT:**

I, Marshall W. Lindeen, of Farmington, New Mexico, hereby state: This map was made from notes taken during an actual survey under my direct supervision on JANUARY 15, 2007, and it correctly shows the location of McELMO CREEK UNIT C-15.

## NOTES

-  EXISTING WELL LOCATION  
 FOUND MOUNUMENT

UTAH PLS No. 6217687

**EXHIBIT A**

**PLAT OF EXISTING LOCATION  
FOR  
RESOLUTE NATURAL RESOURCES COMPANY**

P.O. BOX 3651  
FARMINGTON, N.M.  
(505) 334-0408

**SCALE: 1" = 1000'**

**JOB No. 7481**

**DATE: 01/23/07**

**1765' F/SL & 2091' F/WL, SECTION 2,  
T. 41 S, R. 24 E, SALT LAKE MERIDIAN  
SAN JUAN COUNTY, UTAH**

BY: A.D.

DWG.#: 7481W01